

LISTING OF CLAIMS:

1. (Currently amended): A converting device comprising:
a first input portion ~~for~~ receiving a first input signal;
a first output portion ~~for~~ outputting a first output signal; ~~and~~
a second input portion receiving a second input signal;
a second output portion outputting a second output signal; and
a ~~first~~ voltage dropping circuit means ~~for~~ dropping ~~[a]~~ voltages on a first node located
between said first input portion and said first output portion and a second node
located between said second input portion and said second output portion before
changing from a state in which said first input portion is disconnected from said
first node to a state in which said first input portion is connected to said first
node, ~~said first node located between said first input portion and said first output~~
~~portion.~~

2. (Currently amended): A voltage converting device for receiving a first input signal
having a first high input voltage and a first low input voltage and a second input signal having a
second high input voltage and a second low input voltage, said first high input voltage having a
relatively high voltage level and said first low input voltage having a relatively low voltage level,
and said second high input voltage having a relatively high voltage level and said second low
input voltage having a relatively low voltage level, wherein said voltage converting device
converts at least one of said first high input voltage and said first low input voltage and outputs
said first input signal having a converted voltage level as a first output signal and converts at
least one of said second high input voltage and said second low input voltage and outputs said

second input signal having a converted voltage level as a second output signal, wherein said voltage converting device comprises:

a first input portion for receiving said first input signal;

a first output portion for outputting said first output signal; and

a second input portion receiving said second input signal;

a second output portion outputting said second output signal; and

a voltage converting circuit means for converting at least one of said first high input

voltage and said first low input voltage and at least one of said second high input

voltage and said second low input voltage,

and wherein said voltage converting circuit means comprises a first voltage dropping

circuit means for dropping a voltage on a first node located between said first

input portion and said first output portion before changing from a state in which

said first input portion is disconnected from said first node to a state in which

said first input portion is connected to said first node; and, said first node located

between said first input portion and said first output portion a second voltage

dropping circuit dropping a voltage on a second node located between said

second input portion and said second output portion before changing from a state

in which said second input portion is disconnected from said second node to a

state in which said second input portion is connected to said second node.

3-8. (Canceled)

9. (Currently amended): A voltage converting device as claimed in claim [8] 2, wherein said voltage converting circuit means comprises first conversion voltage supplying part ~~for~~ supplying said first node with a first conversion voltage ~~for converting to convert~~ one of said first high input voltage and said first low input voltage, said first conversion voltage having a higher voltage level than said first high input voltage,

and wherein said first voltage dropping circuit means drops a voltage on said first node, before changing from a state in which said first input portion is disconnected from said first node and said first conversion voltage supplying part is connected to said first node to a state in which said first input portion is connected to said first node.

10. (Currently amended): A voltage converting device as claimed in claim 9, wherein said voltage converting circuit means comprises second conversion voltage supplying part ~~for~~ supplying said first node with a second conversion voltage ~~for converting to convert~~ the other of said first high input voltage and said first low input voltage, said second conversion voltage having a voltage level lower than or equal to said first high input voltage,

and wherein said first voltage dropping circuit means connects said second conversion voltage supplying part instead of said first conversion voltage supplying part to said first node, before changing from a state in which said first input portion is disconnected from said first node and said first conversion voltage supplying part is connected to said first node to a state in which said first input portion is connected to said first node.

11. (Currently amended): A voltage converting device as claimed in claim 10, wherein said voltage converting circuit means comprises third conversion voltage supplying part ~~for~~

supplying said second node with a third conversion voltage ~~for converting to convert~~ one of said second high input voltage and said second low input voltage, said third conversion voltage having a higher voltage level than said second high input voltage,

and wherein said second voltage dropping circuit means drops a voltage on said second node, before changing from a state in which said second input portion is disconnected from said second node and said third conversion voltage supplying part is connected to said second node to a state in which said second input portion is connected to said second node.

12. (Currently amended): A voltage converting device as claimed in claim ~~{1}~~ 11 wherein said voltage converting circuit means comprises fourth conversion voltage supplying part ~~for~~ supplying said second node with a fourth conversion voltage ~~for converting to convert~~ the other of said second high input voltage and said second low input voltage, said fourth conversion voltage having a voltage level lower than or equal to said second high input voltage,

and wherein said second voltage dropping circuit means connects said fourth conversion voltage supplying part instead of said third conversion voltage supplying part to said second node, before changing from a state in which said second input portion is disconnected from said second node and said third conversion voltage supplying part is connected to said second node to a state in which said second input portion is connected to said second node.

13. (Currently amended): A voltage converting device as claimed in claim 12, wherein said first voltage dropping circuit means comprises:

a first switching circuit means ~~for~~ making a first connection state in which said second conversion voltage supplying part is connected to said first node and a first

disconnection state in which said second conversion voltage supplying part is disconnected from said first node; and
a first driving circuit for driving said first switching circuit means.

14. (Currently amended): A voltage converting device as claimed in claim 13, wherein said second voltage dropping circuit means comprises:

a second switching circuit means for making a second connection state in which said third conversion voltage supplying part is connected to said second node and a second disconnection state in which said third conversion voltage supplying part is disconnected from said second node; and
a second driving circuit for driving said second switching circuit means.

15. (Original): A voltage converting device as claimed in claim 14, wherein said first driving circuit further plays a role as said second driving circuit.

16. (Original): A voltage converting device as claimed in claim 15, wherein said second conversion voltage comprises the same voltage level as said first low input voltage.

17. (Original): A voltage converting device as claimed in claim 16, wherein said fourth conversion voltage comprises the same voltage level as said second low input voltage.

18. (Original): A voltage converting device as claimed in claim 17, wherein said first conversion voltage supplying part plays a role as said third conversion voltage supplying part,

and wherein said second conversion voltage supplying part plays a role as said fourth conversion voltage supplying part.

19. (Original): A voltage converting device as claimed in claim 18, wherein said first conversion voltage is equal to the said third conversion voltage, and wherein said second conversion voltage is equal to the said fourth conversion voltage.

20. (New): A voltage converting device as claimed in claim 1, wherein said first input signal having a first high input voltage and a first low input voltage, said first high input voltage having a relatively high voltage level and said first low input voltage having a relatively low voltage level, and said second input signal having a second high input voltage and a second low input voltage, said second high input voltage having a relatively high voltage level and said second low input voltage having a relatively low voltage level..

21. (New): A voltage converting device as claimed in claim 20, wherein said voltage converting circuit comprises first conversion voltage supplying part for supplying said first node with a first conversion voltage ~~for converting to convert~~ one of said first high input voltage and said first low input voltage, said first conversion voltage having a higher voltage level than said first high input voltage,

and wherein said voltage dropping circuit drops the voltage on said first and second nodes, before changing from a state in which said first input portion is disconnected from said first node and said first conversion voltage supplying part is connected to said first node to a state in which said first input portion is connected to said first node.

22. (New): A voltage converting device as claimed in claim 21, wherein said voltage converting circuit comprises second conversion voltage supplying part supplying said first node with a second conversion voltage converting the other of said first high input voltage and said first low input voltage, said second conversion voltage having a voltage level lower than or equal to said first high input voltage,

and wherein said voltage dropping circuit connects said second conversion voltage supplying part to said first and second nodes, before changing from a state in which said first input portion is disconnected from said first node and said first conversion voltage supplying part is connected to said first node to a state in which said first input portion is connected to said first node.

23. (New): A voltage converting device as claimed in claim 22, wherein said voltage dropping circuit comprises:

a first switching circuit making a first connection state in which said second conversion voltage supplying part is connected to said first node and a first disconnection state in which said second conversion voltage supplying part is disconnected from said first node;

a second switching circuit making a second connection state in which said second conversion voltage supplying part is connected to said second node and a second disconnection state in which said second conversion voltage supplying part is disconnected from said second node; and

a first driving circuit for driving said first switching circuit.

24. (New): A voltage converting device as claimed in claim 23, wherein said second conversion voltage has the same voltage level as said first low input voltage.